

WHAT IS CLAIMED IS:

- 1 1. A method for associating a MSISDN with a temporary
2 IP address within a service network, comprising the steps of:
3 transmitting a start packet to a database
4 associated with the service network, the start packet
5 including a MSISDN and a temporary IP address of the mobile
6 terminal; and
7 storing the MSISDN and the temporary IP address in
8 the database wherein the MSISDN and the temporary IP address
9 are associated with each other responsive to the start
10 packet.
- 1 2. The method of Claim 1, further comprising the steps
2 of:
3 transmitting a stop packet to the database
4 associated with the service network, the stop packet
5 including the MSISDN and the temporary IP address of the
6 mobile terminal; and
7 deleting the stored MSISDN and the temporary IP
8 address from the database responsive to the stop packet.

1 3. The method of Claim 2, wherein the step of
2 transmitting further comprises the step of configuring an
3 access server to transmit an account stop packet as the stop
4 packet.

1 4. The method of Claim 2, wherein the step of
2 transmitting further comprises the step of configuring a
3 RADIUS server to transmit an account stop packet as the stop
4 packet.

1 5. The method of Claim 4, further comprising the step
2 of transmitting an acknowledgment packet from a server
3 associated with the database responsive to the stop packet.

1 6. The method of Claim 1, wherein the step of
2 transmitting further comprises the step of configuring an
3 access server to transmit starting packet as the start
4 packet.

1 7. The method of Claim 1, wherein the step of
2 transmitting further comprises the step of configuring a
3 RADIUS server to transmit an account starting packet as the
4 start packet.

1 8. The method of Claim 7, further comprising the step
2 of transmitting an acknowledgment packet from a server
3 associated with the database responsive to the start packet.

1 9. The method of Claim 1, further comprising the step
2 of:

3 receiving a request for a service from the mobile
4 terminal at a third server within the service network; and
5 determining an MSISDN of the mobile terminal by
6 accessing the database using the temporary IP address of the
7 mobile terminal.

1 10. The method of Claim 9, further comprising the steps
2 of:

3 placing the determined MSISDN into an http header
4 for applications within the service network using http; and
5 transmitting the http header to the application
6 within the service network using http with a data packet.

1 11. The method of Claim 9, further comprising the step
2 of accessing a user database for user parameters responsive
3 to the determined MSISDN.

1 12. The method of Claim 1, wherein the method is used
2 in at least one of an authentication process, a billing
3 process, and a personalization process.

1 13. A system comprising:

2 a first server associated with a wireless network
3 for generating a start packet responsive to an access request
4 from a mobile terminal, the start packet containing a MSISDN
5 provided by the mobile terminal and an IP address assigned
6 to the mobile terminal by the first server.

7 a database associated with a service network having
8 storage locations for a plurality of MSISDNs and associated
9 assigned IP addresses; and

10 a second server associated with the service network
11 for retrieving the stored MSISDN the database responsive to
12 an IP address in a service request from the mobile terminal.

1 14. The system of Claim 13, wherein the first server
2 is located within a mobile switching center of the wireless
3 network.

1 15. The system of Claim 13, further including a third
2 server within the service network and associated with the
3 database.

1 16. The system of Claim 13, wherein the first server
2 comprises an integrated access system server.

1 17. The system of Claim 13, wherein the third server
2 comprises a RADIUS accounting server.

1 18. The system of Claim 13, wherein the third server
2 is configured to:

3 receive the session start packet from the first
4 server in response to an access request from the mobile
5 terminal;

6 store the MSISDN number and the temporary IP-
7 address in the database.

1 19. The system of Claim 13, wherein the first server
2 further generates a stop packet responsive to termination of
3 a connection with the mobile terminal.

1 20. The system of Claim 13, wherein the system
2 associates a MSISDN of a mobile terminal with a temporarily
3 assigned IP address during at least one of an authentication
4 process, a billing process and a personalization process.

1 21. A method, comprising the steps of:
2 authenticating a mobile terminal accessing to a
3 service network;
4 generating a start packet containing a MSISDN and
5 an IP address of the mobile terminal;
6 storing the MSISDN and the IP address in the start
7 packet in a database associated with the service network;
8 determining the MSISDN of the mobile terminal using
9 the IP address of the mobile terminal responsive to a request
10 to a server in the service network from the mobile terminal.

1 22. The method of Claim 21, further including the step
2 of obtaining user parameters from a user database in the
3 service network using the determined MSISDN.

1 23. The method of Claim 21, wherein the step of
2 transmitting further comprises the step of configuring a
3 RADIUS server to transmit an account starting packet as the
4 start packet.

1 24. The method of Claim 21, further comprising the step
2 of transmitting an acknowledgment packet from a server
3 associated with the database responsive to the start packet.

1 25. The method of Claim 21, further comprising the
2 steps of:

3 placing the determined MSISDN into an http header
4 for applications within the service network using http; and
5 transmitting the http header to the application
6 within the service network using http with a data packet.